



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

US EPA RECORDS CENTER REGION 5



473914

December 16, 1993

REPLY TO THE ATTENTION OF:

HSRL-6J

Mr. Thomas Hilbert
Winnebago Reclamation Service Landfill
8403 Lindenwood Road
Rockford, Illinois 61109

Re: Illinois EPA Landfill Permit Instructions

Dear Mr. Hilbert:

I was looking through the IEPA documents LPC-PA1 and LPC-PA2 and a question has arisen.

In Appendix C of LPC-PA2 there is a table in Section 10 showing some concentrations for leachate and in Attachment 1 of this appendix there is some more information on leachate concentrations. I tried to compare the two and it appears that the units for the organic constituents part of the table in section 10 maybe should be $\mu\text{g/l}$ rather than mg/l . I say that it appears to be this because there is not very good agreement between the two for some substances even when I make this assumption. But I believe that the table in Section 10 generally compares better with Appendix 1 if these other units are used. If my assumption is correct, then an additional question is, what are the correct units for K_{oc} .

Have you heard that there is this error here? I thought that I would bring it up with you since you might know someone at the State that you could ask. (It would also be nice to be able to see the two references given for Appendix 1.)

Sincerely yours,

Bernard J. Schorle
Remedial Project Manager